

KOP-COAT, INC
MARINE GROUP EAST
36 PINE STREET
ROCKAWAY
NJ 07866

EMERGENCIES

HEALTH/SPILLS.....: 800-548-0489
CHEMTREC ASSISTANCE: 800-424-9300
CHEMTREC OUTSIDE US: 703-527-3887
CANUTEC.....: 613-996-6666

KOP-COAT, INC

PRODUCT INFORMATION: 800-221-4466
OUTSIDE USA.....: 973-625-3100

1 PRODUCT IDENTIFICATION

PRODUCT NAME: 6627 Tie Coat Primer
PRODUCT USE.: Bottom prep system
APPEARANCE.: Viscous liquid with hydrocarbon odor
CAS NUMBER.: Mixture
SYNONYMS....: None

REVISION....: 4
DATE.....: 1/20/09
MSDS NUMBER: 1662700

2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Alkyd Resin CAS NUMBER: REICHHOLD-PRP PERCENT BY WGT: 10 TO 15			(None established.)		
Ethylbenzene CAS NUMBER: 100-41-4 PERCENT BY WGT: 5 TO 10	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA	125 100 100 125 125 100		543 434 435 545 545 435	
Iron oxide (dust & fume) CAS NUMBER: 1309-37-1 PERCENT BY WGT: 1 TO 5	ACGIH-TWA NIOSH OSHA TWA	- - -		5 5 10	5
Xylene CAS NUMBER: 1330-20-7 PERCENT BY WGT: 30 TO 35	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA	150 100 100 150 150 100		651 651 435 655 655 435	
Tremolite (nonasbestiform)			(None established.)		

2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
CAS NUMBER:14567-73-8					
PERCENT BY WGT: 5 TO 10					
Talc (containing no asbestos)	ACGIH TWA	-		2	2
	NIOSH	-		2	
CAS NUMBER:14807-96-6	OSHA TWA	-		2	3
PERCENT BY WGT: 1 TO 5					

NOTES:

- 2) Respirable fraction
- 3) Respirable dust
- 5) Total particulate

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! Flammable liquid and vapor. Harmful or fatal if swallowed or inhaled. May cause eye, skin and respiratory tract irritation.

EYES: May cause moderate eye irritation. Not expected to cause permanent damage if promptly rinsed from eyes.

SKIN: May cause skin irritation. Prolonged and/or repeated skin contact may cause irritation characterized by redness, cracking and blistering. May be absorbed in toxic amounts through the skin and cause systemic effects.

INHALATION: May cause respiratory tract irritation. Exposure to high concentrations may cause central nervous system effects, including headache, drowsiness, nausea, and dizziness. Continued inhalation may result in unconsciousness or death.

INGESTION: May cause gastrointestinal disturbances such as nausea, vomiting, diarrhea, and effects similar to those described in INHALATION. Aspiration of this product into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.

CHRONIC: Reports have associated repeated or prolonged occupational exposure to solvents with permanent brain or nervous system damage, liver and kidney damage or may cause cardiac arrhythmia.

CARCINOGENS: Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence of carcinogenicity in laboratory animals.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin, eyes, respiratory tract, liver, kidneys.

4 FIRST AID MEASURES

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EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing the eye. Contact a poison control center for treatment advice.

SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

INGESTION: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

5 FIRE FIGHTING MEASURES

FLASH POINT: 84 F/29C

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, water spray or foam.

FIRE FIGHTING PROCEDURES: As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel.

FIRE AND EXPLOSION HAZARDS: Can release vapors that form explosive mixtures. Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat (fire). Toxic vapors may be given off in a fire.

6 SPILL AND LEAK PROCEDURES

Stop spill/leak if no risk involved. Avoid breathing vapors. Eliminate ALL sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate area. Take up carefully to avoid heat and sparks. Use an inert absorbent to complete a clean-up. This material reacts with oxidizing materials. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

7 HANDLING AND STORAGE

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HANDLING: Avoid prolonged or repeated breathing of vapors or mists. Do not get on skin, in eyes or on clothing. Spray paint in accordance with OSHA 29 CFR 1910.107. Use with adequate ventilation. Wash thoroughly after handling.

STORAGE: Store in areas/buildings designed to comply with OSHA 1910.106. Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

OTHER: Keep away from heat and open flame. If post application/use processing of this product generates dust or if spray application is made, " Exposure Limits " in Section 2 apply. Do not use until manufacturer's precautions have been read/understood. Containers of this material may be hazardous when empty. Since emptied containers retain product residues (vapor, liquid), all hazard precautions given in the data sheet must be observed. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY CAN EXPLODE AND CAUSE INJURY OR DEATH. All five gallon pails and larger containers, should be grounded and/or bonded when material is transferred.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation (general and/or local exhaust) is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Ventilation rates should be matched to use conditions. Supplementary local exhaust ventilation may be needed in poorly ventilated spaces or during spraying.

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne exposure concentrations to an acceptable level, wear an appropriate, properly fitted respirator (NIOSH/MSHA-approved or equivalent) during and after sanding and application. Respirator selection, use and maintenance should be in accordance with the requirements in 29 CFR 1910.134 and NIOSH 42 CFR 84, whenever workplace conditions warrant a respirator's use.

EYE PROTECTION: Industrial safety glasses minimum, goggles, faceshield, as necessary.

HAND PROTECTION: Chemical-resistant, flexible-type gloves (heavy duty neoprene or equal) to prevent contact. Gloves should be rinsed and removed immediately after use. Wash hands after removing gloves.

SKIN PROTECTION: Wear industrial-type work clothing. Depending on working conditions, i.e. contact potential, this may include long sleeved shirt and long pants, chemical-resistant apron, footwear and socks.

OTHER: Facilities utilizing this material should be equipped with an eyewash station and safety shower. Thoroughly clean shoes and wash contaminated clothes

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs):	10.500	% VOL by Weight.:	45
Vapor Density.: (air=1)>1		Boiling Point...:	Not determined
Vapor Pressure: Not determined		Evaporation Rate: (ether=1)<1	
pH.....: Not applicable		Specific Gravity:	1.261
Solubility In Water: Negligible		Viscosity.....:	Not determined
VOC Content.....:	560 g/L		

10 STABILITY AND REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Avoid oxidizing agents, heat, sparks and open flames.
HAZARDOUS DECOMPOSITION PRODUCT(S): Carbon monoxide, carbon dioxide upon thermal decomposition.

11 TOXICOLOGICAL INFORMATION

This product has not been tested.

12 ECOLOGICAL INFORMATION

Product has not been tested for ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Dispose of unusable product in accordance with local, state and federal regulations.

14 TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION REPORTABLE QUANTITIES

REPORTABLE QTY (LBS)	HAZARDOUS SUBSTANCE
1000	Ethylbenzene

14 TRANSPORTATION INFORMATION

100 Xylene

DOT INFORMATION FOR DOMESTIC GROUND TRANSPORT IN CONTAINERS LESS THAN

1.3 GALLONS (5 L):

DOT Proper Shipping Name & Marking: ORM-D

DOT Identification Number: None

DOT INFORMATION FOR AIR TRANSPORT:

DOT Proper Shipping Name: Paint

DOT CLASS: 3

Packing Group: III

DOT Identification number: UN1263

15 REGULATORY INFORMATION

SARA TITLE III SECTION 313 CHEMICALS

Ethylbenzene

Xylene

WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE
STATE OF CALIFORNIA TO CAUSE CANCER.

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

No additional information available.

16 OTHER INFORMATION

Ethylbenzene is considered a Group 2B carcinogen (possibly carcinogenic to
humans). This category generally includes agents for which there is limited
evidence in humans in the absence of sufficient evidence in experimental
animals.

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information presented and conclusions drawn herein are from sources other than
direct test data on the substance itself. Kop-Coat makes no warranty with
respect thereto and disclaims all liability from reliance thereon.

PREPARED BY: Manager of Health, Safety and Environmental Affairs

16 OTHER INFORMATION

----- END OF MSDS -----